

Recd Febr. 13th

an by JHC Germantown Nurseries,
Feb 14th

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

Chew Street, below Gorgas,

Germantown, Philadelphia.

July 11 1878

Dear Dr Engelmann

Many thanks for
the papers. Like yourself I have
been very busy the past year.
I believe I told you that in ad-
dition to my regular work,
and my European trip, I had
contracted with L. Prang & Co
the Lithographers, to prepare
for New an illustrated
Flora of the United States,
which, while scientifically
accurate, should rather
be written with a view
to popularity with the
masses. The colored
plates will be really texts
for popular lessons. It
will appear in monthly
parts of four plates, and
16 pages of text, - ~~but as~~



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MISSOURI
BOTANICAL
GARDEN

and 150 plates are to
make a series, complete
in itself and indexed, and
which shall give "a general
view of the Flora of the United
States". We have made
up our minds that I shall
not "begin and end with
birth" as so many of these
undertakings do, so we
have decided to complete
a whole volume before
any of it appears, in order
that if anything happens
to me or the publisher
there will be time to arrange
for some one else to con-
tinue it. I have already
fifty chapters written, and
nearly as many plates are
ready, and we expect to
make our public bow



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MISSOURI
BOTANICAL
GARDEN

about June. But you see
it gives me a great deal to do,
and if you find me a little di-
latory as a correspondent I know
will pardon me.

I do not say there
are no hybrids among oaks.
I have only been afraid you
do not fully estimate the
immense power of plants to
vary. We who are growing
plants by the thousands and
have the chance to watch
them from infancy to old
age, see these variations,
and which the students of
wild nature only cannot
see. It takes so long for
an oak to grow up to
reproduction, that neither you
nor I can say, as an abso-
lute fact, that we have
a hybrid. Yet you assume



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MISSOURI
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GARDEN

That they are hybrids, be-
cause you see characters
of two assumed species united
in one. We must therefore
look to analogy only for the
proof, - but, when I examine
seedlings of such plants as do
give time to note results, I
see just as much variation
~~from~~ in cases that I know
are not hybrids, but which
vary by innate power, - that
is, vary without any influence
from external circumstances, -
that I hesitate to regard the
oaks as "hybrids," while I do
not say they are not.

I did not intend
to make a special case of
"acorns," but to make a
general proposition (2.)

"The fruit is morphologically
axis and its appendages; therefore



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MISSOURI
BOTANICAL
GARDEN

When we find a variation in stems and leaves, we may reasonably look for corresponding changes in the character of the fruit!"

I have just received for the Academy from A. L. Siler, some very nice specimens of cones and foliage of *Pinus Banksiana* from Southern Utah. The cones are a trifle longer than those we have from Colorado, but not as long as Murray figured his, and he writes in a letter received not long before his death, that we will never find aristatas as long as his. But, and here again I find my views of hybrids help me, I am sure Murray and many European botanists, have no idea of the wide range of the innate power to vary.



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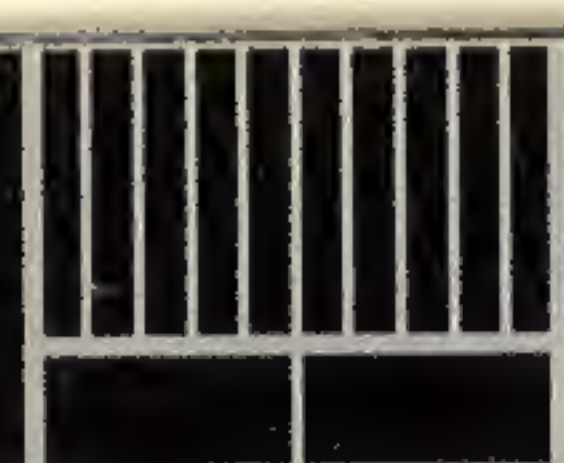


MISSOURI
BOTANICAL
GARDEN

very truly yours

James Mearns

I have just received for
the Academy from Mr. J. L. Allen
some very nice specimens of
Ceres and others of the same
form as from the same place.
The Ceres are a little larger than
those we have from Colorado,
but not as large as the ones
I received this, and the visit in
a letter received last day before
his death, that we will never
find any later on top of Mt.
Bliss, and have again
specimens of the same
form. Mearns and I have
been very interested in
the visit of the
of the same form.



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MISSOURI
BOTANICAL
GARDEN

Recd May 17 The Germantown Nurseries,
Chew Street, below Gorgas,
Germantown, Philadelphia.

May 8th 1848

Dr Geo. Engelmann

My Dear Sir

I have asked
my publishers, Messrs. L.
May & Co. of Boston, to
send you samples of
my "Native Flowers" and
prospectus for your
examination.

You will see that it
is an attempt to
make Botany popular,
an effort to bring
accurate (I hope) science
down to the pockets
and average intell-
igence of the masses.



For Mr. The Germantown Museum,
Cherry Street, below Gargas,
August 17

Germantown, Philadelphia
May 24 1878

Dr. Geo. Engelmann

My dear Sir

I have a pleasure

in writing to you, Sir.

I have been thinking of

writing you for some time

but have been so busy

that I have not had time

to do so.

I am sure you will see that it

is an attempt to

make the botanical

effort to

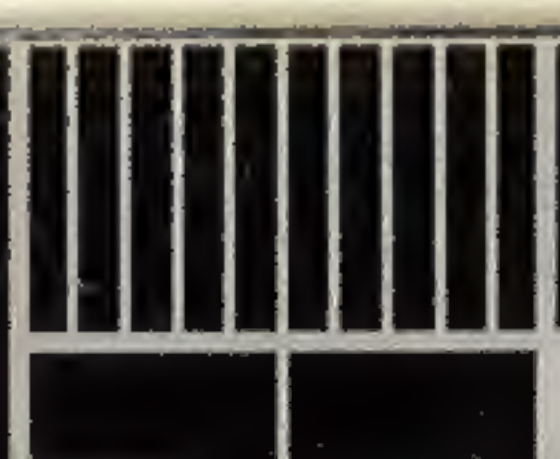
secure the

share to the

most average with

the masses.

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS



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MISSOURI
BOTANICAL
GARDEN

Miss. Prang have risked
a great deal in the
enterprise, and if you
feel that you can
consistently approve
of their attempt, and
place your approval
in a form they might
use if thought desirable
it would be a great
encouragement to
them.

Very truly yours

Thomas Mellen



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MISSOURI
BOTANICAL
GARDEN

Miss Mary Anne Engelmann
a great deal in the
collection, and of her
but that you can
consequently afford
of them, and
these are of course
in a form they might
use of the light microscope
it would be a great
convenience to the
her.

Mary Engelmann
George Engelmann



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MISSOURI
BOTANICAL
GARDEN

Rec July 15

The Germantown Nurseries,

Chew Street, below Gorgas,

Germantown, Philadelphia.

July 12th 1878

Dear ~~Dr~~ Engelmann

It was very kind in
you to write about the
Book, and I am glad you
could write so favorably.

There will be much more
of botanical detail in the
plates as we go along.
Mr. Engelm is a hort
man, and a new arrival
from Australia, and, though
evidently with a fair
botanical education I
did not like to trust
him too far with minute
details. I thought best
to have none and be safe.
But I know now just
what he can do, and so



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MISSOURI
BOTANICAL
GARDEN

think it may be *S. velvety* and
I have it in *S. thurberii*. which is it?
I send a dried one, which is
my garden has no more. Is that
not *S. drummondii*?

Very truly yours

Wm. Brewster



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MISSOURI
BOTANICAL
GARDEN

We are doing more.

I have concluded to
come to St. Louis, and
I may offer a few facts
to the meeting on

~~ex in Missouri~~
ex in divisions plants?
and perhaps

Hybrids in nature?

Some years ago you sent
me some asters and
Solidago roots. When
I moved from my old
grounds to the present,
the plants of some things
may have had their
labels mixed. At any
rate, the narrow leaved
Solidago I send you to
day is marked S.
brevimundus. Dr. Gray



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MISSOURI
BOTANICAL
GARDEN

the more they grow,
I have observed
them to be more
frequent after a frost

the weather is
~~the weather is~~

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MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS



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MISSOURI
BOTANICAL
GARDEN

Cars leave Ninth and Green Streets,
Philadelphia, every hour.

Horse Cars connect with the cars in
Germantown direct to Upper
Church Street.

Horse Cars along Eighth Street, direct
to Upper Church Street.

Chestnut Hill Cars to Gorgas Lane Sta-
tion, is ten minutes' walk from
the Nursery.

MISSOURI BOTANICAL GARDEN

Germantown Nurseries,

GEORGE ENGELMANN
THOMAS MEEHAN, Proprietor.

Office, Upper Church & Chew Sts., Germantown,
NEAR PHILADELPHIA,

Rec 21 Sept
Ans

Mr George Engelmann

Since I have been
away my artist has among
other things drawn me
enclosed Cuscuta. It is
the one I have always
latter for C. prostrata,
but I distrust my knowledge
of Cuscutae, and shewed
the much obliged by your
decision.

We came
back yesterday, all enjoying
our trip hugely. We collected
about 300 species I guess,
but cannot of course
yet tell whether we
have any thing new.
I was surprised to find
Iris missouriensis (Nutt,
in Wyeke) in Southern
Colorado, and immense
quantities of *Robinia
neomexicana*.



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BOTANICAL
GARDEN

urseries,

HAN, Proprietor

Church & Chew Sts., Germantown,

NEAR PHILADELPHIA.

187

While sending the
Cuscuta I have heard
drawn, - I send
another from a
Blackberry bush, what
is it?

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

Engelmann Canon
has not had its name
changed, every one
knows it now by that
name, and no other.
The chief trail through
to Pike's Peak is now
through it. It has not
been destroyed by it, -
but is much more attrac-
tive than when these



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MISSOURI
BOTANICAL
GARDEN

hands and feet ~~through~~
fought through what was
till then thought to be
an inaccessible spot.
While working the
cave I have been
excited, - I have
seen the green
glowing light, which
is a

glowing green
has not lost its name
changed, being now
known as such by that
name, and no other.
The chief trail through
the cave is a narrow
passage. It has not
been destroyed by the
but a narrow passage
there have been these



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Germantown Nurseries,

THOMAS MEEHAN, Proprietor.

Office, Upper Church & Chew Sts., Germantown,

NEAR PHILADELPHIA.

MISSOURI BOTANICAL GARDEN

GEORGE ENGELMANN PAPERS

Recd Sept 30

Ans. - by

Sept 27

787 ✓

Dear Dr. Engelmann

I ~~enclose~~ mail with
this my drawing of *Cuscuta*
gromovii, to see if you can
suggest anything more.
I had the yellow one finished
before your letter came,
as I did not know the
white one was the same,
but I have now put them
both on one plate.

I suppose you may say
the picture is too artistic
for botanical detail, but
I have to keep in view the
large number of people
who are fond of art and
who are not botanists
but whom I hope may,
by my work, someday
become such.

I suppose you know
the ovarium is more
elongated than the mature
capsule, just as I have it
here. ever truly yr. T. Meehan



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GARDEN

30 Sept 1900

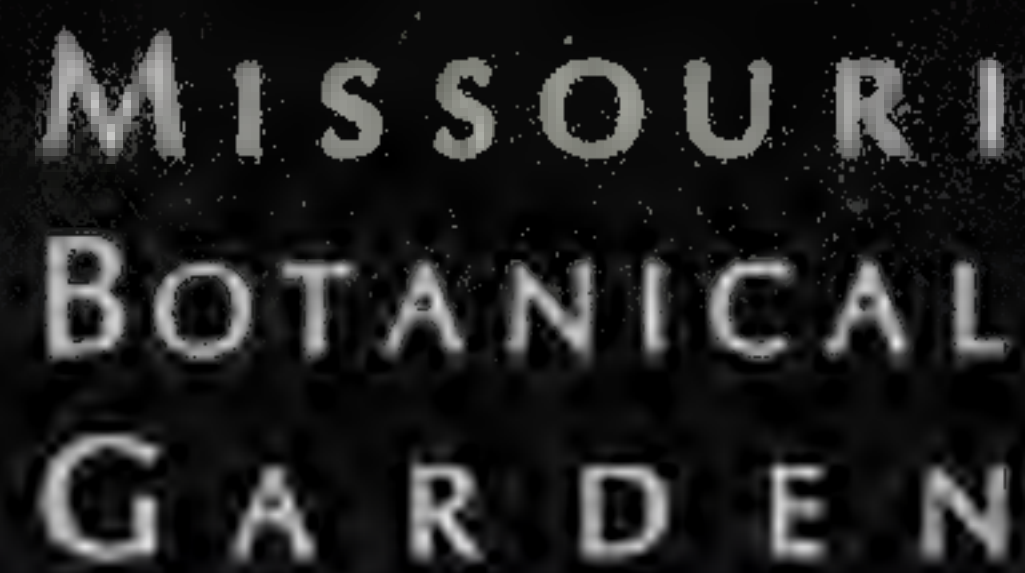
1872

Dear Mr. Lloyd Garrison

But I have never found them
 white as was the former
 as I did not know the
 before given better names,
 I had the specimen as found
 suggested and though more,
 however, to the 7 specimens
 this was knowledge of insects
 I have never met with

I suppose you may say
the picture is too artistic
for Voltaire's taste, but
I have to keep in mind the
large number of people
who are fond of art and
who are not Voltaire's
but whom I hope may
my very best
Lover.

Here. ever yours
 Charles, first as I have it
 suggested that the volume
 the maximum is more
 I suppose you know



GERMANTOWN NURSERIES, Near Philadelphia, Pa.

Oct 3 - MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

Sep. 30 1878

I thank you for the note on
the *Gleditsia chinensis* *monisperma*
It has no commercial value
that I know of. I have been
anxious to get a half dozen
seeds so that I might have a
plant in my arborvitae.
Such a chance offers I should be
very glad. I shall be glad if you
can identify a gray
oak. Michael's figure seems but *rubra*

THOMAS MEEHAN.



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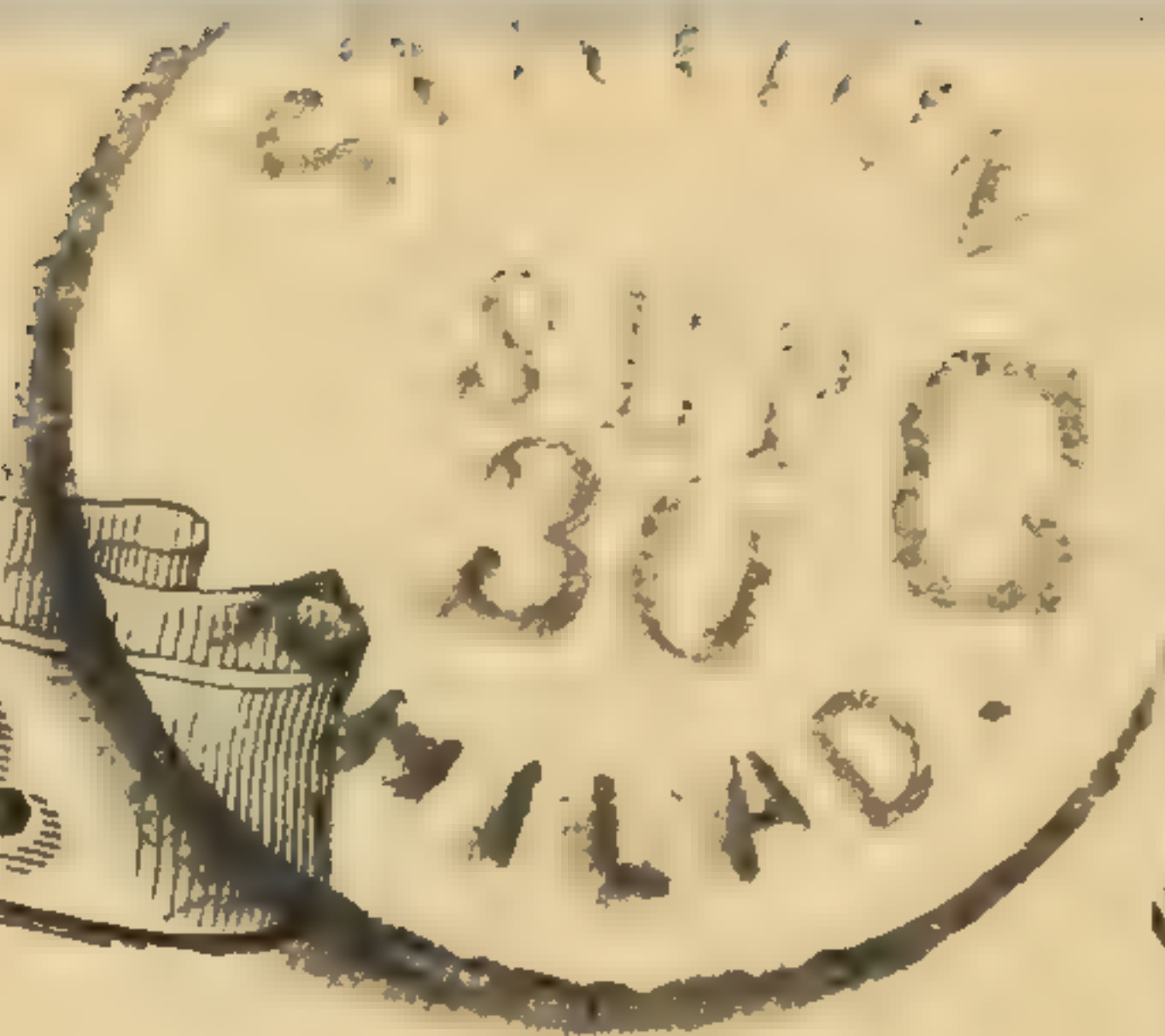
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MISSOURI
BOTANICAL
GARDEN



WRITE THE ADDRESS ON THIS SIDE—THE MESSAGE ON THE OTHER

Dr. Rev. *ST. Louis*
Mo.
Mo.



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tion, is ten minutes' walk from
the Nursery.

Germantown N

THOMAS MEEHAN, Prop.

Office, Upper Church & Chew Sts., Germantown.

MISSOURI BOTANICAL GARDEN

GEORGE ENGELMANN PAPERS

Rich. B. B. B.

Oct. 16 1878

Dear Dr. Engelman,
E. J. Voder Esq.
of Moore - Weedon Northamp-
ton, England, who was
here with the astronomer,
and who is besides a
good botanist, interested
especially in Succulents
like Cacti and Yucca,
writes to me

"I tried many book stores
when in America to get
Dr. Engelman's papers
on Yucca and Agave,
I should be most
thankful if you could
procure it for me
by purchase or other-
wise".

Could I bring him
a set from the St. Louis
Academy? who has
charge of the publication
bureau?

I suppose you have
only enough for your per-
sonal friends. Very truly Y. M.



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MISSOURI
BOTANICAL
GARDEN

Oranienburg

THESE HERBES

Dear Mr. [unclear]
I have just received your letter of the 10th inst. and am very glad to hear from you. I am well and hope this letter finds you the same. I have been thinking much of late about the future of our country and the state of our affairs. I feel that we are in a very critical position and that it is our duty to do all that we can to preserve our liberty and our Union. I am sure that you feel the same way and that you will do all that you can to help our country in this time of need. I am, dear Sir, very truly yours,
[Signature]
[Address]



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MISSOURI
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GARDEN

Oct 28

The Germantown Nurseries,

Chew Street, below Gorgas,

Germantown, Philadelphia.

Oct 23 1878

Dear Dr Engelmann

Many thanks for your
letter. I have written to
Cassius accordingly.

Rubus Nuttallianus is
I once had from the Pacific
Coast. The "seeds" were al-
ways killed by the frost
while post, and hence I
could never get a flower.
I will try it again. *R. odor-
atus* grows in our woods,
and next year I will try
and remember to send you
some. But an immense
number are imperfect.
Strange how some of these
flowers act. *Rosa
virginiana* is sparingly
indigenous in these
parts, but I never have
yet found a seed vessel.

I have not forgotten you



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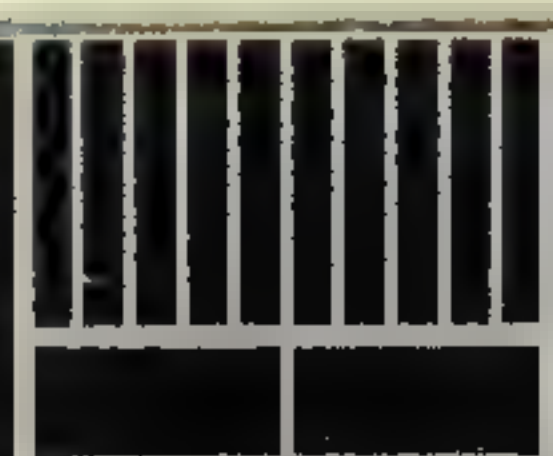
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thought R. Blandow, but I
 now think it is such. It
 will be several months before
 I get them named I fear.
 I mean my 170 species.

I saw one of the girls of
 L. Prang here yesterday, and
 find they are much pleased
 with the kind letter you
 wrote to them. The work
 I know has some imper-
 fections botanically. I mis-
 trusted my ability from
 the outset to go over so
 many branches of human
 intelligence and interest with-
 out making mistakes oc-
 casionally, but I thought I
 would risk all this for the
 sake of the good I thought
 could be done for all
 the blunders I might
 make. I feel very much
 indebted to you and other
 good friends who must



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desire for City ledons, and
when I sow next spring you
shall have some.

The more your oak grows
the more it seems to indi-
cate only a remarkably
torrid form of inbriearia!

I have I think at
least ten thousand Quercus
agrostica. Now three years
old. It would interest you
to see the remarkable
variations of foliage among
them. I have only a few
hundred Q. inbriearia,
but among these are cir-
cencies to torrid leaves.

I enclose you a Q. ma-
crocarpa, approaching Q.
lyrata.

I should be glad of the
Rosa. I have not yet had
that. I am bothered with
the Rose I collected in Rocky
Mts this year. It is the pre-
siding rose of that region,
and which I have always.



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MISSOURI
BOTANICAL
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treated these mis takes ^{4.}
very tenderly in your
encouragement of the
publishers, for they need
just this encouragement.
They have put a large
amount of money in the
venture, and I hope
they may come out un-
hurt. ~~Therefore~~ They will
need 5000 subscriptions
to save themselves from
loss, and they already
have 2500. They feel
encouraged by this num-
ber in so short a time, and
I have already their in-
structions to send to the
press a second series
and then I think as I go
along I shall make fewer
blunders, and the artist
I think with experience will
take in better the botanical
points. Very truly yours
Wm. W. Welch



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Germantown Nurseries,

THOMAS MEEHAN, Proprietor.

Office, Upper Church & Chew Sts., Germantown,

NEAR PHILADELPHIA.

Rec April 11

Ans same by

April 9

7879

Dear Dr. Engelman

Dear _____

Among some few plants
from Southern Utah is
an unfamiliar junceoid
which I thought best
to send to you. and
while sending, I enclose
an asteroid I cannot
well place.

During the end
of the year in our second
series I shall have
an illustration of
Engelmannia.

I have heard from
Mr. Shreve of your several
troubles, and need not
say you have my
deepest sympathy.

Ever truly yours

Thomas Meehan

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS



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MISSOURI
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Nov 11
1871

Dear Sir

I have the pleasure to inform you

that your order for 100 plants of

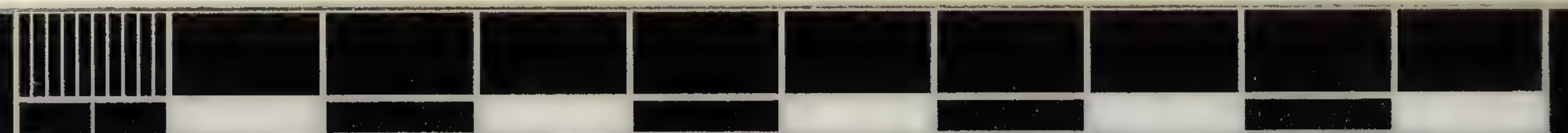
Geranium *macranthum* has been received and the plants are now in the hands of the nurserymen. I have the pleasure to inform you that the plants are now in the hands of the nurserymen. I have the pleasure to inform you that the plants are now in the hands of the nurserymen.

I have the pleasure to inform you that the plants are now in the hands of the nurserymen. I have the pleasure to inform you that the plants are now in the hands of the nurserymen.

I have the pleasure to inform you that the plants are now in the hands of the nurserymen. I have the pleasure to inform you that the plants are now in the hands of the nurserymen.

Yours very truly

Thomas Weehan



Recd Oct 16th

at The Germantown Nurseries,

Chew Street, below Gorgas,

Germantown, Philadelphia.

Sept. 24 - 1879

Dear Dr. Engelmann

One of my collectors
where? when? in Canada Catherine
Balsam Fir seeds for
me, came on some
trees which puzzled
him. I send the speci-
mens to you with this.
I thought at first it
was *A. Fraseri*,
but I now think not.
I send all I have to you.
Should it prove any
thing of value, I presume
I can get a specimen
back from you -






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MISSOURI
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GARDEN

I suppose you rec^d
the Henslow paper
left for you at the
Colonnade

Hoping you had
a good time, I am

Sincerely yours

Thomas Meehan

I dug around several
Yucca filamentos
for *Proserpinaca* but could
not find one. I have
told my foreman when
digging plants for orders
to look out for some.



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the Nursery.

Germantown Nurseries,

THOMAS MEEHAN, Proprietor.

Office, Upper Church & Chew Sts., Germantown,

NEAR PHILADELPHIA.

Ans Jan 12

Ans Feb 6

Germantown Aug 10 1881

Dear Dr Engelmann,

I have bought the 2nd Vol
of Botany of California, and sent it
my correspondent, — but
he will still need the
Ninus Elletts paper and
drawings —

Please send them
to James Booth
Klein Fothbeck
Near Hamburg
Germany.

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

He wants me to purchase
them. I will send
you the ^{amount} bill and postage
when I know what they
are.

Sincerely yours
Thos Meehan



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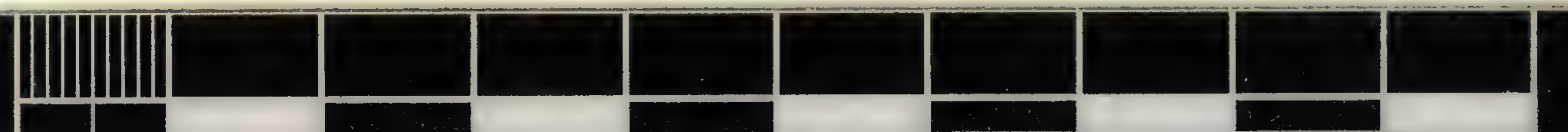
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BOTANICAL
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GEORGE ENGELMANN PAPERS

[Faint, illegible handwritten text in Arabic script, likely a botanical manuscript or letter.]



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THOMAS MEEHAN, Proprietor.

Office, Upper Church & Chew Sts., Germantown,

NEAR PHILADELPHIA.

Recd Febr 27
Ans Jan 27

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

Feb. 24 1880

Dear Dr. Engelmann,

I am very glad to hear from
you. That acorn business as I sup-
posed by May 20, I find very
interesting. You may remember
that a few years ago I told
you about the very numerous
petioles in the city gardens of
Quercus undulata; but
I have not made any further
observations — forgot it —
till his letter. I now find
excellent specific characters
here. No two species are
exactly alike here. *Q. alba*
is nearly sessile, and *Q.*
arenaria mostly so. While
Q. rubra has them of true
length, and *Q. prinoides*
a full inch! In the last
there is a slight tendency to



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"potatoize" - but I am
interested in the lengthening
city tedious.

However what I want
to say to day is this: -

I have agreed to come
to your State college at
Columbia on the 5th of
March to talk "Plant
life in practice" or some
thing of that kind, and I
want to take the time in coming
back, to at least shake
3m and Mr. Shew by the
hand.

My present idea is
that I will leave Columbia
on Saturday morning,
and get on to St. Louis
about 9.15 on Saturday



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Stay till 6.50 train
on Sunday night.

788

I have forgotten your
number in Olive St.
Please write me word
exactly, so that I may
lose no time in
getting to your house
on Sunday some
time - Sunday ^{night}
1 March.

Write to me
Care of Prof. Hillebrand
Minersight
Columbia, Mo.

Sincerely yours

Wm. M. Mearns



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